

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR CONSTRUCTION OF SMALL DAM

As required for construction or alteration of a dam 20 feet or less in height
and capable of storing less than 100 acre-feet of water.

1. Name of Owner (print or type): _____ Phone No. _____

Post Office Address: _____

2. Application for: ☐ Construction of new dam, ☐ Reconstruction, Alteration of existing dam.

3. Location: _____ 1/4, _____ 1/4, Section _____, Township _____, Range _____,
_____ County.

4. Source of Water _____ tributary to _____
(Name, Unnamed Stream, Other-describe) (Stream Name)

5. Drainage Area: _____ acres, above the site of the dam.
(Approximate)

6. Downstream Development _____

Describe land use below site of dam, indicate approximate distances to buildings or development, roads, etc.

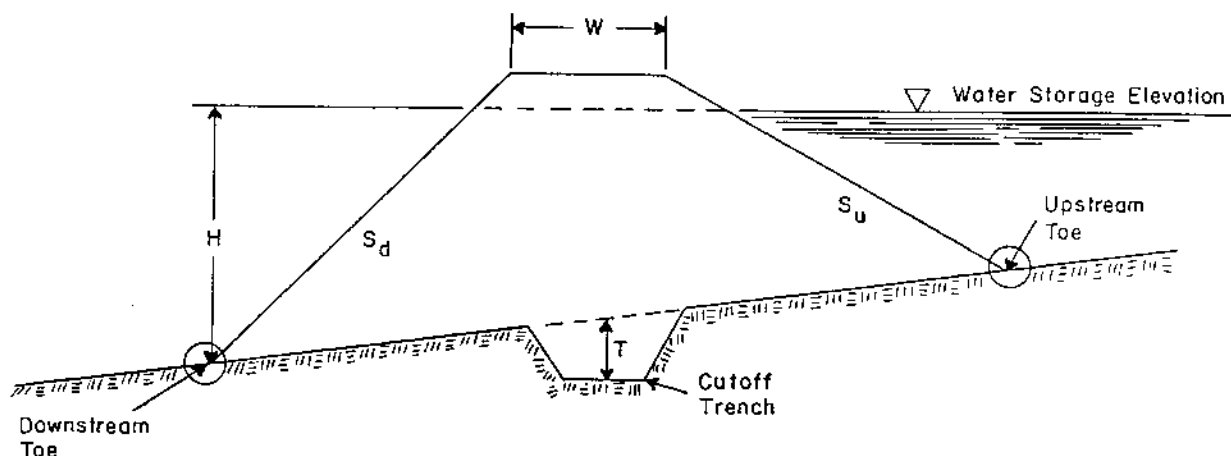
NOTE: If the small dam is (to be) located in or immediately above a high risk area (urban, concentrated development, or in proximity to a habitable dwelling, that could be adversely affected by a release from the dam) this application shall be accompanied by plans and specifications prepared by a registered engineer.

7. Reservoir: Surface area _____ acres; Storage Capacity _____ acre-feet.

8. Reservoir Storage Purpose: _____
(Irrigation, Stockwater, Recreation, Other-describe)

DETAILS OF DAM AND APPURTENANT STRUCTURES

Type of dam (embankment, other, describe) _____



Hydraulic Height (H) _____ feet. If dam is being raised, indicate increase in height _____ feet.

Crest Length _____ feet. Crest (top of dam) Width (W) _____ feet.

Downstream Slope (S_d) _____:_____; Upstream Slope (S_u) _____:_____.

Depth of Cutoff Trench (T) _____ feet.

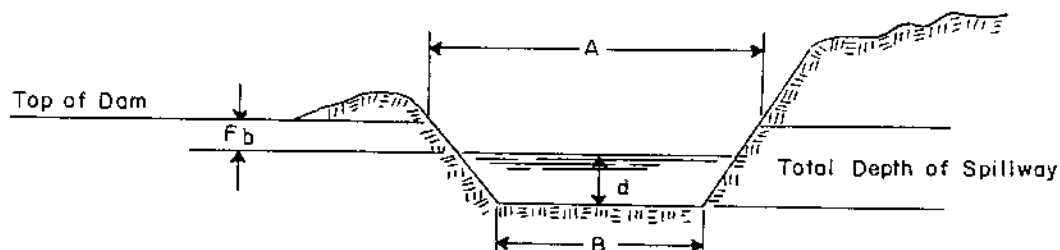
OUTLET _____; _____; Maximum Release Rate _____ cfs.
(Size) (Type) (under full reservoir head)

Size and number of anti-seep collars _____
(also indicate spacing of collars along outlet)

SPILLWAY

☐ Service (auxiliary) Spillway, describe _____

☐ Emergency Spillway, Located at: ☐ left, ☐ right abutment, ☐ other location.



Total Depth of Spillway (below top of dam) _____ feet.

Spillway: Bottom width (B) _____ feet; Top Width (A) _____ feet.

Discharge Capacity of Spillway _____ cfs at spillway flow depth (d) _____ feet.

Freeboard (F_b) _____ feet (total depth of spillway minus the spillway flow depth).

Spillway Channel Lining _____
(Rock Cut, Rock Riprap, Other-describe)

CONSTRUCTION SCHEDULE

Proposed date for start of construction _____

(Date)

Applicant's Signature

FOR DEPARTMENT USE ONLY

Date application received _____ By _____ Fee \$ _____

Date receipted _____ Receipted by _____

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

In accordance with the provisions of Title 42, Chapter 17, Idaho Code, and the Department's Rules and Regulations for Safety of Dams, the application for construction of _____ Dam is hereby approved, subject to the following conditions:

1. This action does not constitute the required authority to appropriate water under Idaho Water Law.
2. The applicant shall notify the Department at the following times and at such other times deemed necessary, to conduct inspections.
 - a. After clearing and excavation of the foundation area, and prior to placing fill material.
 - b. After installation of the outlet conduit, and before placing any backfill material around the conduit.
 - c. After construction is complete and before any water is stored in the reservoir.
3. Approval of the application for construction of the dam shall not be construed to grant the applicant other authorization required to proceed. It is the responsibility of the applicant (dam owner) to secure all lands, easements, and rights-of-way; water rights; or the approval of other regulatory agencies, prior to commencing to construct the dam or to store water in the reservoir area.
4. In the event the owner fails to pursue actual construction and maintain reasonable progress on construction of the dam, in conformance with this approval, the Director may revoke the approval one year after such approval.
5. Additional Conditions:

Witness my hand this _____ day of _____, 19____.
